



Guide Specifications for Designers and Specifiers. This document specifies IdeaPaint™ CREATE Dry Erase Coating by IdeaPaint, and is provided for your use in CSI 3-Part Format. For further assistance, call 1.800.588.3990, email us at csr@leveyindustries.com or visit our website at www.leveyindustries.com



SECTION 099737
DRY ERASE COATING
(IdeaPaint™ CREATE – Black and White)

PART 1 GENERAL

1.1 SECTION INCLUDES

1.2 RELATED SECTIONS

- A. Section 092116 - Gypsum Board Assemblies; gypsum board substrate.
- B. Section 101100 - Visual Display Surfaces; whiteboard and chalkboard substrates.

1.3 SUBMITTALS

- A. Comply with Division 1 Section: Submittals.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Maintenance Instructions: Provide precautions against cleaning materials and methods that may be detrimental to finish and performance.
- D. Samples: Submit verification sample of specified color on manufacturer's standard sample card.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 3 years manufacturing dry erase coatings.
- B. Mock-ups: Prepare mock-ups for Architect's review and to establish requirements for substrate finish and final coating application, texture and color.
 - 1. Install dry erase coatings mock-up in area designated by Architect.
 - 2. Correct areas, modify method of application/installation, or adjust finish texture as directed by Architect to comply with specified requirements.
 - 3. Maintain mock-ups accessible to serve as a standard of quality for this Section.
 - 4. Accepted mock-ups may remain in place.
- C. Sustainable Design:
 - 1. Indoor Air Quality: Green Certified Product, GreenGuard Children and Schools program.
 - 2. USGBC LEED IEQ Credit 4.2 for Low-Emitting Materials - Paints and Coatings

- a. Compliance achieved using 150 g/l VOC content threshold.
- b. Provide coating meeting SCAQMD Rule 1113 Section (c)(1) requirements, default limit of 250g/l VOC.
- c. Compliance achieved using CA 01350 indoor air emissions.
- d. Compliance achieved using USGBC VOC Budget Methodology for low-emitting materials.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original factory wrappings and containers, clearly labeled with manufacturer, product name, and fire hazard classification.
- B. Store materials in original undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity. Store at temperatures above 40 degrees F. Do not allow product to freeze.

1.6 PROJECT CONDITIONS

- A. Maintain ambient temperature not less than 50 deg F minimum and 85 deg F maximum 72 hours prior to beginning of installation.
 1. Do not install dry erase coatings unless substrate temperature is above 60 degrees F.
 2. Do not install dry erase coatings until the space is enclosed and weatherproof.
 3. Do not install dry erase coatings until temperature is stabilized and permanent lighting is in place.

1.7 WARRANTY

- A. Warranty: Manufacturer's 10 year limited material warranty.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: IdeaPaint, 40 Broad Street, 1st Floor, Boston, MA 02109, telephone 617-714-1050, fax 617-714-1080, website www.ideapaint.com.

2.2 PRODUCTS

- A. Dry Erase Coating: CREATE by IdeaPaint, providing a surface suitable for use of dry erase markers.
 1. Color: Manufacturer's standard color as follows:
 - a. Color: White.
 - b. Color: Black.
 2. Color: Specialty and Custom color as selected.
 3. Fire Rating (ASTM E84): Class A, flame spread index 10, smoke developed index 20.
 4. VOC (EPA Method 24):
 - a. White. 18 g/L Part A and B mixed, 1.4 g/L Part A only, 97 g/L Part B only.
 - b. Black. 18 g/L Part A and B mixed, 1.4 g/L Part A only, 97 g/L Part B only.
 5. Solids:
 - a. White. 98 percent Part A, 40 percent Part B.
 - b. Black. 98 percent Part A, 40 percent Part B.
 6. Density:
 - a. White. 12.18 lbs/gal Part A, 8.14 lbs/gal Part B.

- b. Black. 12.18 lbs/gal Part A, 8.14 lbs/gal Part B.
 - 7. Opacity/Hiding Power (ASTM D2805):
 - a. White. 98.3 percent.
 - b. Black. 98.3 percent.
 - 8. Sag Resistance (ASTM D4400 Method 6.5.6):
 - a. White. 4.8.
 - b. Black. 4.8.
 - 9. Flow and Leveling (ASTM D2801):
 - a. White. 6.
 - b. Black. 6.
 - 10. Crack Resistance (ASTM D522):
 - a. White. 29 percent.
 - b. Black. 29 percent.
 - 11. Finish/Gloss (ASTM D523) on Dry Wall Board:
 - a. White.
 - 1) 20 degrees: 22.4.
 - 2) 60 degrees: 66.0. 3) 85 degrees: 66.8.
 - b. Black.
 - 1) 20 degrees: 22.4.
 - 2) 60 degrees: 66.0.
 - 3) 85 degrees: 66.8.
 - 12. Scrub Resistance (ASTM D2486):
 - a. White. Greater than 11,100 cycles.
 - b. Black. Greater than 11,100 cycles.
 - 13. Stain Removal/Washability (ASTM D3450):
 - a. White. 94.9 percent.
 - b. Black. 94.9 percent.
 - 14. Flashpoint (ASTM D92 Open Cup): Greater than 200 degrees F Part A, greater than 200 degrees F Part B.
 - 15. QUV (following 500 hours of exposure, samples prepared on Kilz primed drywall) Control panel: L = 96.74, a = -1.02, b = 2.14. Test panel: L = 96.27, a = -1.44, b = 4.04.:
 - a. White. Delta E = 2.00.
 - b. Black. Delta E = 2.00.
 - 16. Chemistry Type: A non isocyanate based coating.
- B. Primer: (Optional) Use a high quality primer if required such as Sherwin-William Wood and Wall Latex primer or Kilz Premium Latex Primer.
 - 1. Priming is required over stained surfaces for optimal hiding power, such as stained whiteboards or stained chalkboards.
 - 2. Priming is required for surface color changes for optimal hiding power of original surface color.
 - 3. Priming is required over new drywall, plastic, aluminum, steel (galvanized and ungalvanized), and vinyl.
- C. Roller Covers: Provided by manufacturer. No substitutions.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions in which dry erase coatings will be installed.
 - 1. Complete finishing operations, including painting, before beginning installation of dry erase coatings.

2. Wall surfaces to receive dry erase coatings shall be dry and free from dirt, grease, loose paint, and scale.
3. Do not proceed with installations until unsatisfactory conditions have been corrected.

3.2 SURFACE PREPARATION

A. White and Black.

1. Remove hardware, accessories, plates and similar items to allow dry erase coatings to be installed.
2. Repair damaged areas by filling voids with spackle. Sand smooth repaired or textured surfaces. Scuff glossy and non-porous surfaces using medium grit sandpaper. Paint product is a high gloss coating; imperfections and visible seams will telegraph.
3. Plaster Surface: Remove surface chalk. In new work use moisture meter to determine moisture content. Do not begin installation when moisture content of the surface to be painted is greater than 5 percent.
4. Gypsum Board Surface: Provide Level 4 finish per ASTM C840 and GA-214. Recess nails and screws. Repair irregular tape joints, sand and remove dust.
5. Previously Painted Surface: To have opaque White or Black applied, remove loose paint or scale. Sand surface of enamel or gloss paint. Remove dust with tack cloth or denatured alcohol prior to priming.
6. Prime (if applicable): Prime substrate using materials recommended by manufacturer if changing color of the surface, if covering a stained surface, or if applying on new drywall. Follow manufacturer's application, dry time, and recoat instructions prior to proceeding.
 - a. Changing color of the surface: Prime surface until the color of the existing surface does not show through.
 - b. Covering stained surface: Prime surface until undesired marks and stains do not show through.
7. Clean: Wipe surface with a clean, damp cloth to remove dust and environmental debris. Allow surface to completely dry.
8. Ventilate area thoroughly to aid in curing process and to dissipate mild odor. Allow a high percentage of outside air into current ventilation.

3.3 APPLICATION

- A. Comply with manufacturers printed installation instructions. Mix components in strict accordance with manufacturer's instructions. Pot life is 1 hour maximum.
- B. Apply dry erase coating with specified roller only. Comply with the following:
 1. Apply heavy single coat only, using 2 layer method as described. Do not recoat or touch up applied coating once 10 minute return time has passed.
 2. Divide your entire planned surface into areas up to 50 square feet.
 3. Use a 4 inch foam roller to cut in all edges and light switches within the current area.
 4. Using the included 9 inch roller, from one end of the current area to the other, apply in sections up to 4 feet wide by the full height of the surface.
 5. Be sure to overlap the edges of each section and use a backrolling technique as you go to even out the application.
 6. Watch for roller marks, drip marks, debris and missed spots, re-roll as needed.

7. Every 50 square feet or 3-5 minutes, return to the first section of the area you have just finished and apply the second layer using the same method detailed above. This helps to build up a thick and effective IdeaPaint surface.
 8. Do not wait more than 10 minutes to perform the second layer over the first.
 9. Remove masking tape within 1 hour of painting.
- C. Dry erase coating may be applied directly onto clean, dry, smooth surfaces which are:
1. A finished drywall surface
 2. A latex-based topcoat
- D. Coating shall cure for a minimum of 4 days after application before use.
- E. Application Rate: 5 mils wet film thickness as measured with a wet film gauge; maximum 50 square feet per quart or 200 square feet per gallon.

3.4 CLEANING AND MAINTENANCE

- A. Regular erasing and cleaning should be done with a standard dry erase eraser or a dry microfiber towel. For more thorough cleaning, a damp microfiber towel may be used or IdeaPaint Cleaner. If damaged, the original surface shall be deglossed by sanding surface and priming before recoating.

3.5 PROTECTION

- A. Protect installed product and finished surfaces from damage during construction.

END OF SECTION

REV 3/19/14